Education Programme

Year 5 Maths Challenge

Conversion table

100cm =	1m
10mm =	1cm
1kg =	1000g

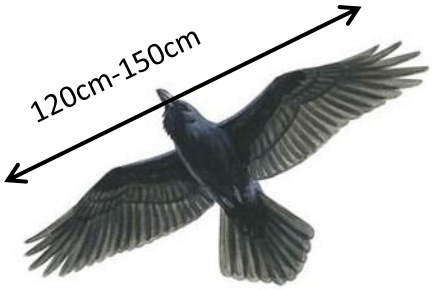
Question 1

Circle the factors of:

Grey Heron 185cm

1	7	37
12	5	185

Raven 150cm



1	15	3
25	75	5
30	2	10
6	50	150

Barn Owl 88cm

1	22	4
14	19	88
32	2	59
11	44	8

Illustrations: Credit Mike Langman (rspb-images.com)

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Question 2

Round these wingspans to the nearest whole number:

Firecrest 15.8cm = _____

Treecreeper 18.4cm = _____

Wheatear 27.6cm = _____

Whinchat 21.3cm = _____

Question 3

Circle which birds have wingspans that are prime numbers.

Wren 13cm

Chough 90cm

Nightingale 25cm

Redstart 20cm

Bearded tit 17cm

Grey Wagtail 27cm

Garden Warbler 23cm

Skylark 31cm

Illustrations: Credit Mike Langman (rspb-images.com)

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Question 4

Circle which bird travels the furthest (in miles)

Bar tailed Godwit
6,835 miles

Common Swift
3,100 miles

Willow Warbler
5,000 miles

Question 5

White tailed Eagle 2.40m

What is this in cm?_____ What is this in mm?_____

Question 6

Convert the weight of the White tailed Eagle.

Male 3.5kg = _____grams Female 7kg = _____grams

Illustrations: Credit Mike Langman (rspb-images.com)

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Answers

Question 1

185 = 1, 5, 37, **185**

150 = 1,2,3,5,6,10,15,25,30,50,75,**150**

88 = 1, 2, 4, 8, 11, 22, 44, **88**

Question 2

Firecrest 16cm, Treecreeper 18cm

Wheatear 28cm, Whinchat 21cm

Question 3

Prime numbers: 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, 47, 53, 59, 61, 67, 71, 73, 79, 83, 89, and 97

Wren 13cm

Bearded tit 17cm

Garden Warbler 23cm

Skylark 31cm

Question 4

Bar tailed Godwit 6,835

Question 5

240cm, 2400mm

Question 6

Male 3,500g, Female 7,000g

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